

Converting Colors

YUV(228.3220, -38.6127,
18.1346)

Have a look what the booklet for
YUV(228.3220, -38.6127, 18.1346)
contains.

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Color

**YUV(228.3220, -38.6127,
18.1346)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E996
RGB	249, 233, 150
RGB Percent	98%, 91%, 59%
CMY	0.0235, 0.0863, 0.4118
CMYK	0.00, 0.06, 0.40, 0.02
HSL	50°, 89%, 78%
HSV	50°, 40%, 98%
XYZ	73.7109, 80.6196, 40.5303
YIQ	228.3220, 36.1790, -22.4210

Conversions

Conversions Part 2

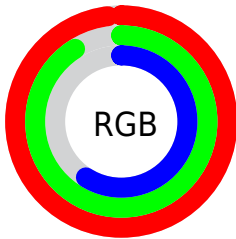
Format	Color
R _Y B	169, 249, 150
Decimal	16378262
CIE Lab	91.96, -5.98, 42.27
CIE LCh	92, 42.692, 98.050
Yxy	80.6196, 0.3783, 0.4137
Android (android.graphics.Color)	4294568342 (0xFFFF9E996)
YUV	228.3220, -38.6127, 18.1346
Hunter-Lab	89.7884, -10.5920, 36.0885

Details

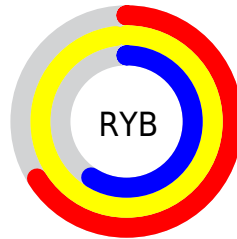
The YUV color **228.3220, -38.6127, 18.1346** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **170.6780, 38.6127, -18.1346**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3000, -21.8399, 4.9989**, and **172.7670, -36.8601, 15.9903** is the 20% darker color. If you saturate the color by 10%, you get **223.1240, -48.3751, 22.6933**, and if you desaturate by 10%, it is **233.5200, -28.8504, 13.5760**.

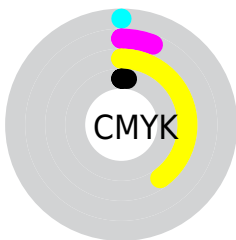
Distribution



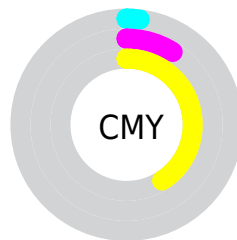
- Red (98%)
- Green (91%)
- Blue (59%)



- Red (66%)
- Yellow (98%)
- Blue (59%)



- Cyan (0%)
- Magenta (6%)
- Yellow (40%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.3220, -38.6127, 18.1346 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 228.3220, -38.6127, 18.1346 by changing the saturation by 10% instead.

■ 228.3220,
-38.6127, 18.1346

■ 228.3220,
-38.6127, 18.1346

255.0000, 0.0000,
0.0000

■ 200.1370,
-38.0285, 17.4199

■ 249.3000,
-21.8399, 4.9989

■ 172.7670,
-36.8601, 15.9903

■ 252.6060, -9.1728,
2.0995

■ 145.6960,
-35.8391, 15.1756

■ 119.5110,
-35.2549, 14.4609

■ 93.7990, -35.3969,
13.3313

■ 70.0160, -34.5179,
11.3870

■ 49.0400, -24.1767,

7.8579

■ 29.2380, -14.4143,
3.2993

■ 6.4570, -3.1833,
-5.6628

■ 228.3220,
-38.6127, 18.1346

■ 228.3220,
-38.6127, 18.1346

■ 223.1240,
-48.3751, 22.6933

■ 233.5200,
-28.8504, 13.5760

■ 217.9260,
-58.1375, 27.2519

■ 238.7180,
-19.0880, 9.0173

■ 212.7280,
-67.8999, 31.8105

■ 243.9160, -9.3256,
4.4587

■ 207.5300,
-77.6623, 36.3692

■ 249.1140, 0.4368,
-0.1000

■ 202.3320,
-87.4247, 40.9278

■ 252.0320, 1.4632,
-2.6591

■ 197.2480,
-96.7503, 45.3865

■ 253.2060, 0.8844,
-3.6887

■ 197.1340,
-97.1871, 45.4865

Harmonies

Analogous

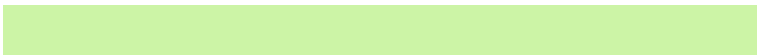
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.6960, -32.3881, 28.3306



228.3220, -38.6127, 18.1346



223.1480, -28.1740, -16.7928

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.3220, -38.6127, 18.1346



202.7080, 25.7800, -102.3529



225.6500, 14.4696, 25.7400

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



228.3220, -38.6127, 18.1346



170.6780, 38.6127, -18.1346

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.7970, 11.4391, 17.7180



228.3220, -38.6127, 18.1346



210.5700, 21.9040, -72.4139

Square

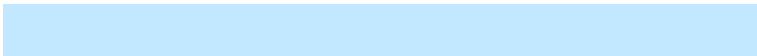
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.3220, -38.6127, 18.1346



208.3800, 16.5747, -89.7873



222.9610, 15.7952, -26.2758



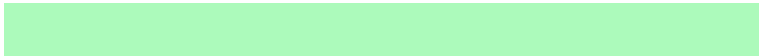
219.5400, 1.2128, 31.0984

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.3220, -38.6127, 18.1346



219.4960, -16.0205, -41.6540



222.9610, 15.7952, -26.2758



227.4110, 13.6014, 24.1956

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



228.3220, -38.6127, 18.1346



248.5310, -12.0938, 5.6733



181.5390, -7.1677, 59.1633



124.1870, -6.9942, 3.3440



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

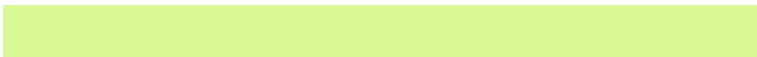
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.3220, -38.6127, 18.1346



229.3520, -47.5015, 22.4933



227.8470, -38.3786, -10.3898



122.3440, -5.0996, 2.3293



149.2570, -73.5837, 34.8546



48.1760, -23.7508, 11.2466

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



170.6780, 38.6127, -18.1346



158.0610, 47.7909, -21.9785



171.1530, 38.3786, 10.3898



114.6560, 5.0996, -2.3293



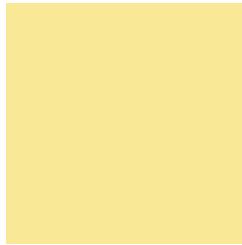
39.1560, 73.8731, -34.3398



12.8240, 23.7508, -11.2466

Previews

White Background



This preview shows how the YUV color 228.3220, -38.6127, 18.1346 looks on a white background.

Color Contrast Check

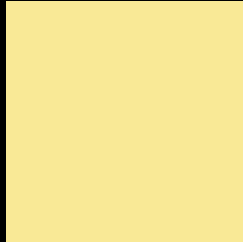
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 228.3220, -38.6127, 18.1346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

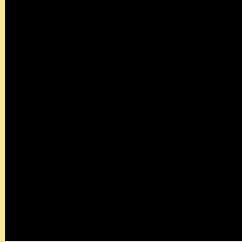
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.3220, -38.6127, 18.1346

Background



This preview shows how black text looks on a background with the YUV color 228.3220, -38.6127, 18.1346.



This preview shows how white text looks on a background with the YUV color 228.3220, -38.6127, 18.1346.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

228.3220, -38.6127, 18.1346

Protanopia

228.6320, -38.7656, 20.4937

Deuteranopia

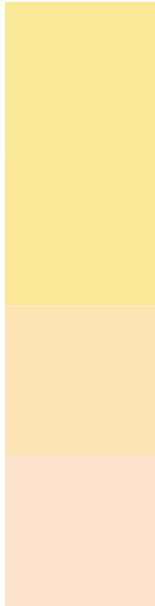
232.2940, -15.9209, 19.9132



Tritanopia

234.8650, 1.5456, 17.6584

Trichromacy



Original Color

228.3220, -38.6127, 18.1346

Protanomaly

228.3330, -38.6182, 19.8790

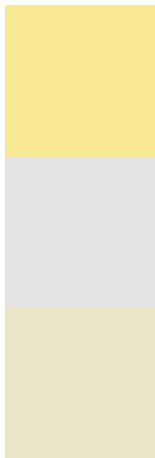
Deuteranomaly

230.8180, -24.0673, 19.4536

Tritanomaly

232.3800, -13.0053, 18.0837

Monochromacy



Original Color

228.3220, -38.6127, 18.1346

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.3740, -13.9884, 6.6880

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.3220, -38.6127, 18.1346 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(249, 233, 150)` looks like.

```
.text, #text, p{  
    color:rgb(249, 233, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(249, 233, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 233, 150) }
```

Border

The CSS property to change the border of an element to YUV 228.3220, -38.6127, 18.1346 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 233, 150) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(249, 233, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(249, 233, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 233, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 233, 150);  
box-shadow:4px 4px 4px 4px rgb(249, 233,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 228.3220, -38.6127, 18.1346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 233, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(249,  
233, 150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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